

Message Text

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ACTION EUR-12

INFO OCT-01 ISO-00 ERDA-07 FEA-01 ACDA-10 CEQ-01 CIAE-00

DOT-00 EPA-04 HEW-06 HUD-02 INR-07 INT-05 L-03

NSAE-00 NSC-05 NSF-02 OIC-02 PA-02 PM-04 PRS-01

SAJ-01 OES-05 SP-02 SS-15 TRSE-00 USIA-15 AID-05

OFA-01 COME-00 DODE-00 EB-07 IO-11 AGR-10 /147 W

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FM USMISSION NATO

TO SECSTATE WASHDC 6282

INFO AMEMBASSY BONN

AMEMBASSY LONDON

AMEMBASSY OTTAWA

AMEMBASSY PARIS

AMEMBASSY ROME

AMEMBASSY THE HAGUE

USMISSION USEC BRUSSELS

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AMEMBASSY ATHENS

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DEPT PLEASE PASS TO ERDA FOR AA AUSTIN HELLER AND DOUBLAS
HARVEY AND EPA FOR F. ALLEN HARRIS

EO 11652: N/A

TAGS: CCMS, SENV

SUBJECT: CCMS: RATIONAL USE OF ENERGY - INDUSTRIAL INTERNATIONAL
DATA BASE PROJECT MEETING, PETTEN, THE
NETHERLANDS, MARCH 1-2, 1976

REF: STATE 7000

SUMMARY: REPS FROM SEVEN ALLIED COUNTRIES, PLUS OBSERVERS
FROM EC AND OECD, ATTENDED DATA BASE PROJECT MEETING
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ORGANIZED BY US AS PILOT COUNTRY FOR CCMS RATIONAL USE
OF ENERGY PILOT STUDY AND HELD UNDER SPONSORSHIP OF
NETHERLANDS NATIONAL TECHNICAL RESEARCH ORGANIZATION (TNO)
AT NUCLEAR RESEARCH CENTER IN PETTEN, THE NETHERLANDS,

ON MARCH 1-2, 1976. WORKING SESSIONS WERE HELD OF PROJECT'S THREE CURRENT SPECIFIC INDUSTRY WORKING GROUPS ON CEMENT, STEEL AND PLASTICS. CEMENT GROUP'S FINAL REPORT AND STEEL GROUP'S FIRST PHASE REPORT ARE VIRTUALLY COMPLETE AND ARE EXPECTED TO BE SUBMITTED TO CCMS AT SPRING 1976 PLENARY ON APRIL 27-28. NEXT PROJECT MEETING WILL BE HELD AT NATO HQ. IN BRUSSELS ON JUNE 28-30, 1976. END SUMMARY.

1. PETTEN MEETING WAS ATTENDED BY REPS FROM CANADA, FRG, GREECE, ITALY, NETHERLANDS, US, UK, AND NATO SECRETARIAT, AS WELL AS OBSERVERS FROM EC AND OECD. MEETING CHAIRMAN WAS MR. DOUGLAS HARVEY (US/ERDA). IN PLENARY SESSION PARTICIPANTS HEARD REPORTS FROM CEMENT, STEEL AND PLASTICS WORKING GROUPS (SEE BELOW). CHAIRMAN HARVEY SAID THAT, UPON COMPLETION OF ONGOING EFFORTS ON CEMENT AND STEEL, PROJECT PARTICIPANTS MIGHT WISH EXAMINE OTHER INDUSTRIES FROM ENERGY CONSERVATION STANDPOINT. HE MENTIONED ALUMINUM, GLASS, PULP AND PAPER, AND SELECTED FOOD PROCESSING INDUSTRIES AS POSSIBILITIES IN WHICH PRELIMINARY INTEREST HAD ALREADY BEEN EXPRESSED AMONG PROJECT PARTICIPANTS. HE NOTED THAT PLASTICS GROUP HAD GIVEN SOME THOUGHT TO FERTILIZERS AS LIKELY OFFSHOOT OF THAT GROUP'S PRESENT WORK. INTEREST HAD ALSO BEEN EXPRESSED IN STUDY OF INTER-INDUSTRY ENERGY CONSERVATION TECHNOLOGY TRANSFER. UK REP (ROBERTS) RECALLED THAT PETROLEUM REFINING HAD BEEN AMONG POSSIBLE INDUSTRIES IDENTIFIED EARLY IN PROJECT; HE RECOMMENDED THAT DECISION BE TAKEN SOON ON WHETHER THIS SHOULD BE TAKEN UP. HARVEY SAID THAT HE BELIEVED ALUMINUM MIGHT BE PARTICULARLY APPROPRIATE NEXT CHOICE, AS FURTHER ROUNDING OUT ONGOING PROJECT EFFORTS BY ADDING YET ANOTHER KEY STRUCTURAL MATERIAL TO THREE ALREADY BEING STUDIED, I.E., CEMENT, STEEL AND PLASTICS; HE ASKED THAT PARTICIPANTS CONSIDER ALUMINUM AND OTHER TOPICS MENTIONED AND BE PREPARED TO GIVE THEIR VIEWS AT NEXT PROJECT MEETING ON JUNE 28-30 AT NATO HQ. IN BRUSSELS.

2. U.S. CCMS COORDINATOR HARRIS PROVIDED OVER-UNCLASSIFIED

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VIEW OF PROGRESS IN ALL CCMS ENERGY PILOT STUDIES, I.E., SOLAR AND GEOTHERMAL, PLUS OTHER PROJECTS UNDER RATIONAL USE OF ENERGY; HARRIS ALSO BRIEFED GROUP ON CURRENT DEVELOPMENTS AND PRESENT OUTLOOK IN WORK PROGRAM OF IEA, WHICH DATA BASE PROJECT PARTICIPANTS WOULD WISH TO BEAR IN MIND IN COURSE OF THEIR PROJECT

ACTIVITIES AND IN DEVELOPING RECOMMENDATIONS FOR FUTURE COOPERATION.

3. PROF. THOMAS V. LONG (US), FROM UNIV. OF CHICAGO, CHAIRMAN OF PROJECT METHODOLOGY GROUP, REPORTED ON DISCUSSIONS THUS FAR BY GROUP WHICH HAD BEEN SET UP

AT LAST PROJECT MEETING (IN BONN) IN CONJUNCTION
WITH WORK OF PLASTICS GROUP. LONG REPORTED THAT HIS GROUP
ATTEMPTING TO DEVELOP UNIFORM METHODOLOGY TO SERVE
AS INTEGRATIVE ASPECT OF DATA BASE PROJECT AS WHOLE,
STARTING WITH PLASTICS STUDY; GROUP WOULD PRESENT
ITS INITIAL METHODOLOGY RECOMMENDATIONS AT JUNE
PROJECT MEETING IN BRUSSELS. ON BASIS OF RESULTS
WITH STUDY ON PLASTICS, METHODOLOGY WOULD BE APPLIED FURTHER
TO COMPLETED WORK ON CEMENT AND STEEL, AND ANY
OTHER INDUSTRIES TAKEN UP, FOR INCORPORATION IN
FINAL COMPOSITE DATA BASE PROJECT REPORT. METHODOLOGY
GROUP ALSO PLANNED TO FOCUS ON QUESTION OF INTER-
INDUSTRY TECHNOLOGY TRANSFER POSSIBILITIES, AS WELL
AS ON STRUCTURAL REQUIREMENTS SET BY GOVERNMENTS
FOR ENERGY CONSERVATION IN INDUSTRY. GROUP HOPED
TO BE ABLE TO DEVELOP ENERGY ACCOUNTING SCHEME
WHICH WOULD ASSIST INDIVIDUAL INDUSTRIAL COMPANIES
TO CARRY OUT THEIR OWN ENERGY ANALYSIS.

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4. PROCEEDINGS OF INDIVIDUAL INDUSTRY GROUPS WERE AS
FOLLOWS:

A) CEMENT--MR. ROBERT MCLEAN, PRESIDENT OF PORTLAND CEMENT ASSOCIATION (US) CHAIRED SESSION. WINDING UP ITS WORK AT THIS MEETING, GROUP GENERALLY AGREED THAT EFFORT HAD MADE POSSIBLE FOR THE FIRST TIME AT INTERNATIONAL LEVEL THE COLLECTION OF RELIABLE DATA ON ENERGY CONSUMPTION IN CEMENT INDUSTRIES OF PARTICIPATING COUNTRIES, AND THAT INFORMATION AND TECHNOLOGY EXCHANGE ALREADY CARRIED OUT WITHIN GROUP HAD BEEN HIGHLY EFFECTIVE AND BENEFICIAL. GROUP'S FINAL REPORT CONTAINS PRIORITY LISTING OF NINE DETAILED PROJECTS FOR COOPERATIVE R & D (REFINED FROM UNCLASSIFIED

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ORIGINAL LIST OF 24 PROPOSALS)--A RESULT WHICH GROUP BELIEVED WAS ALREADY A GOOD DEMONSTRATION THAT THIS KIND OF INTERNATIONAL EFFORT INVOLVING BOTH GOVERNMENT AND INDUSTRY COULD ACHIEVE IMPORTANT PRACTICAL RESULTS. THE NINE PROJECTS INCLUDE ONE ON BLENDED CEMENT PROPERTIES AND LIMITATIONS, THREE PROJECTS RELATED TO GRINDING AND PARTICLE SIZE, TWO SULPHATE-RELATED PROJECTS (GROUP MEMBERS BELIEVED THAT THIS QUESTION WILL BECOME MORE SERIOUS FOR ALL AS LOW-SULPHUR FUELS GET SCARCER AND MORE EXPENSIVE); AND THREE PROJECTS RELATED TO QUESTION OF ALKALI IN RAW MATERIALS AND AS FACTOR IN PRODUCTION (ALKALI PROBLEMS ARE OF SPECIAL CONCERN TO US). AFTER FINAL MODIFICATIONS TO REFLECT DISCUSSIONS AT THIS MEETING, REPORT WILL BE CIRCULATED TO ALL ALLIED COUNTRIES IN EARLY APRIL FOR ACTION BY CCMS AT APRIL 1976 PLENARY.

B) STEEL--DR. PALAZZI (ITALY) CHAIRED THE SESSION. THE FIRST PHASE OF THE STEEL STUDY GROUP HAS BEEN COMPLETED WITH THE ACCEPTANCE BY THE COMMITTEE OF A REPORT PRESENTING AND ANALYZING ENERGY AND MATERIAL CONSUMPTION DATA FOR IRON AND STEEL PRODUCTION FOR SEVEN NATO COUNTRIES. IT IS EXPECTED THAT THE FIRST PHASE REPORT WILL BE PUBLISHED SHORTLY AFTER APRIL 1. RECOMMENDATIONS FOR ENERGY CONSERVATION PRACTICES AND TECHNOLOGY CONSTITUTE THE SECOND PHASE OF THE STEEL STUDY GROUP'S WORK. A LIST OF 39 PROJECTS IDENTIFIED AS POTENTIALLY SUITABLE WAS PROPOSED. ADDITIONAL RECOMMENDATIONS WILL BE SOLICITED FROM IRON AND STEEL INDUSTRY EXPERTS, AS WELL AS A RANKING IN TERMS OF PRIORITY IMPORTANCE FOR SPECIFIC PROJECTS. THE PRIORITY LIST WILL BE DISCUSSED AT THE NEXT CCMS MEETING AT WHICH TIME PLANS FOR A SECOND PHASE REPORT WILL BE FORMULATED.

C) PLASTICS--DR. L. BIONDI OF MONTEDISON (ITALY) CHAIRED THE SESSION. FIRST ORDER OF BUSINESS WAS PRESENTATION AND ANALYSIS OF DATA COLLECTED BY SEVERAL DELEGATES ON ENERGY CONSUMED IN

PVC PRODUCTION. ENERGY CONSUMPTION DATA WAS RECEIVED
FROM THE US, ITALY, AND THE NETHERLANDS, AND DATA FROM THE UK
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IS CURRENTLY IN THE FINAL STAGES OF COMPILATION.
FOLLOWING COLLECTION OF DATA, SUBSTANTIAL EFFORT WAS
DEVOTED TO DEVISING A METHOD FOR EQUITABLE DATA ANALYSIS. OTHER
MATTERS CONSIDERED INCLUDED ENERGY FOR POLLUTION CONTROL,
ENERGY CREDITS FOR HYDROGEN GENERATION, AND RESOLUTION
OF MISCELLANEOUS TECHNICAL ISSUES. REGARDING ALLOCA-
TION OF JOINT COSTS, TWO METHODS OF ANALYSIS WERE
ADOPTED BY THE GROUP. THE FIRST DRAFT OF THE PVC
REPORT WILL BE PRESENTED TO DELEGATES AT THE JUNE
CCMS MEETING, FOR THEIR REVIEW. AT THAT TIME, FINAL
DECISIONS REGARDING EXTENSION OF THE STUDY INTO
PRODUCTION OF OTHER POLYMERS WILL BE REACHED. POLYMERS UNDER
CONSIDERATION INCLUDE POLYETHYLENE, POLYSTYRENE, AND
POLYPROPYLENE.

5. COMMENT. US DEL REGARDED PETTEN MEETING FROM SUBSTANTIVE
STANDPOINT AS A PARTICULARLY SUCCESSFUL EVENT IN PROJECT WORK
PROGRAM THUS FAR. TIMELY AND PRODUCTIVE WINDUP IN PETTEN OF
ACTIVITY OF CEMENT GROUP WAS ESPECIALLY GRATIFYING AT THIS STAGE,
AS WAS MARKED ACCELERATION IN MOMENTUM OF STEEL GROUP. MORE
RECENTLY ORGANIZED PLASTICS AND METHODOLOGY GROUPS ARE
ALSO MAKING SATISFACTORY HEADWAY IN THEIR COMPLEX
TASKS. MEETING FACILITIES AND ARRANGEMENTS PROVIDED BY
DUTCH HOSTS WERE EXCELLENT. IN HIS WELCOMING REMARKS AT BANQUET
OFFERED BY TNO FOR MEETING ATTENDEES ON MARCH 1 IN AMSTERDAM,
TNO DIRECTOR DR. L.B.J. STUYT SAID HE WISHED THUS TO UNDERSCORE
CLEARLY THE IMPORTANCE HE AND HIS ORGANIZATION ATTACH TO WORK OF
CCMS PROGRAM AND PRACTICAL VALUE THIS COOPERATION HOLDS FOR TNO
IN SO MANY AREAS. IN SAME VEIN, DURING DISCUSSION OF
POSSIBLE ADDITIONAL INDUSTRIES FOR EXAMINATION IN
DATA BASE PROJECT, UK REP (ROBERTS) TOLD US DEL
THAT HE HOPED WORK OF PROJECT GROUP INDEED WOULD GO
FORWARD AS THERE WAS "NO COMPARABLE FORUM" FOR THE SPECIFIC
COLLECTION AND COMPARISON OF ENERGY DATA NOW UNDER WAY IN PROJECT,
ROBERTS ALSO SAID IN FINAL PLENARY SESSION THAT INDUSTRIAL
ENERGY ANALYSIS SCHEME ENVISAGED BY PROJECT'S METHODOLOGY GROUP
WOULD BE MAJOR CONTRIBUTION TO EFFORT IN FIELD IN UK. STREATOR

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